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UNITED STATES DEPARTMENT OF AGRICULTURE
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AGRICULTURAL RESEARCH SERVICE

✕ Chickens in NPIP Hatchery Supply Flocks and Their Distribution by States and Varieties
1945-46, 1955-56 and 1956-57. ✕

The tabulation which follows shows the number of birds in NPIP hatchery supply flocks and the percentage distribution according to the matings in which they were used. These data indicate the trend in the type of chick demanded in the various States and Divisions. There is some variation in reporting the birds in crossmated flocks due to the fact that some flocks are crossmated during a portion of the year and mated as purebreds another portion. Moreover, in a number of States the birds in crossmated flocks are reported under the respective purebred headings. It will be noted that there is also some variation in the first year reported. Where data were not available for 1945-46, the nearest available year was used to show insofar as possible, the long-time trend within the State. The divisional totals are for the year 1956-57.

Breed distribution data for the past 16 years for all reporting States are summarized on page 4. The most significant change during the past year was the increase in the percentage of birds in crossmated flocks, from 34% of the total to 47.1% of the total. This change is largely due to the increase in the number of crossmated flocks for broiler production, as breeders utilize various synthetic male lines for improved meat quality.

		Percentage distribution by varieties							
Division	Total	New	White	White	Barred	Rhode Is-	Cross-	Incross-	
State and Year	Birds	Hampshire	Leghorn	Rock	Rock	land Red	mated	mated	Other
Maine									
1945-46	741,044	43.8	.03	1.4	23.8	30.4	.4	--	.3
1955-56	1,540,406	.4	1.7	29.3	--	.2	68.4	--	--
1956-57	1,987,319	--	.4	37.0	--	.6	62.0	--	--
New Hampshire									
1945-46	1,297,934	82.2	.6	1.4	12.3	3.3	--	--	.12
1955-56	1,184,325	31.0	1.6	35.4	6.7	1.0	--	--	24.3
1956-57	1,166,009	20.3	1.1	38.4	3.0	.5	12.7	--	24.0
Vermont									
1944-45	108,426	37.2	.1	.3	41.3	20.5	--	--	.6
1955-56	223,500	2.9	5.9	12.1	--	5.4	73.7	--	--
1956-57	231,047	.4	3.0	10.1	3.0	1.0	82.5	--	--
Massachusetts									
1945-46	929,070	18.4	.9	2.7	18.1	58.8	--	--	1.0
1955-56	868,965	2.3	6.8	20.6	3.0	16.7	49.7	--	.9
1956-57	779,504	3.0	4.3	25.1	3.8	13.2	50.2	--	.4
Rhode Island									
1945-46	78,595	14.4	6.6	4.9	25.8	43.2	3.9	--	1.2
1955-56	47,230	--	.9	9.0	8.4	11.1	69.0	--	1.6
1956-57	32,777	--	1.7	8.5	9.7	13.2	61.2	--	5.7
Connecticut									
1943-44	389,428	17.7	4.0	4.9	26.5	45.9	.8	--	.2
1955-56	692,916	1.9	3.6	43.3	6.4	4.1	33.8	1.4	5.5
1956-57	845,509	2.1	3.2	48.7	11.6	2.3	23.8	1.2	7.1
New York									
1947-48	671,166	19.4	49.9	9.2	10.7	10.4	--	--	.4
1955-56	457,296	3.7	61.2	7.1	5.8	6.6	12.3	3.1	.2
1956-57	458,163	3.4	54.7	10.5	2.3	4.2	21.8	3.0	.1
New Jersey									
1945-46	438,182	18.9	49.5	2.2	5.6	12.4	10.8	--	.6
1955-56	975,544	1.0	80.7	2.0	.4	1.4	11.3	2.6	.6
1956-57	862,845	.5	76.7	1.4	.2	1.5	18.5	.7	.5
Pennsylvania									
1945-46	325,481	43.5	33.4	6.7	12.4	2.0	1.6	--	.4
1955-56	1,344,813	6.2	30.5	8.1	1.2	1.6	41.3	6.4	4.7
1956-57	1,474,038	2.4	30.4	5.1	.5	1.0	49.1	6.8	4.1
North Atlantic	7,837,211	4.3	18.5	24.9	2.4	2.5	40.5	1.7	5.2

		Percentage distribution by varieties							
Division	Total	New	White	White	Barred	Rhode Is-	Cross-	Incross-	
State and Year	Birds	Hampshire	Leghorn	Rock	Rock	land Red	mated	mated	Other
Ohio									
1945-46	1,343,074	19.4	28.8	28.6	11.5	3.2	3.0	--	5.5
1955-56	1,449,985	9.9	27.0	29.8	1.7	1.7	12.6	15.1	2.2
1956-57	1,402,726	8.0	27.1	32.5	1.2	1.4	13.7	14.4	1.7
Indiana									
1945-46	2,360,605	9.0	20.3	28.5	27.3	4.1	5.0	--	5.7
1955-56	2,794,273	8.2	18.4	44.8	2.3	1.8	15.9	4.6	4.0
1956-57	3,047,348	6.6	13.7	35.8	1.7	1.5	33.8	4.7	2.2
Illinois									
1945-46	1,928,986	18.5	17.1	40.6	10.0	2.4	3.2	--	8.2
1955-56	1,821,857	7.8	28.0	24.1	1.5	.8	12.7	22.9	2.2
1956-57	1,781,462	6.0	26.5	27.0	.9	1.0	17.8	18.7	2.1
Michigan									
1944-45	186,125	7.9	52.1	12.1	19.0	6.0	1.5	--	1.4
1955-56	724,464	2.7	40.1	32.5	1.0	2.6	13.7	6.2	1.2
1956-57	608,304	2.3	38.3	20.8	.9	1.8	27.1	8.6	.2
Wisconsin									
1945-46	343,033	9.6	70.6	14.3	.8	.5	--	--	4.2
1955-56	413,184	2.7	41.2	30.8	--	.1	5.6	18.4	1.2
1956-57	421,028	1.4	30.8	37.8	--	.2	10.4	17.4	2.0
East North Central	7,260,868	6.1	22.5	31.8	1.2	1.3	24.1	11.1	1.9
Minnesota									
1945-46	1,534,340	5.3	64.8	9.3	.4	.8	17.9	--	1.5
1955-56	1,874,522	1.4	52.1	4.2	.1	.4	21.7	19.0	1.1
1956-57	1,492,558	1.7	50.0	6.4	.1	.4	17.7	21.8	1.9
Iowa									
1945-46	1,011,678	13.7	31.2	24.7	4.4	1.6	16.4	--	8.0
1955-56	1,627,160	1.7	13.4	7.6	.2	1.2	27.1	48.4	.4
1956-57	1,717,423	.7	15.5	4.5	.4	1.7	32.4	44.4	.4
Missouri									
1945-46	2,405,182	13.9	24.2	23.6	8.1	6.2	9.6	--	14.5
1955-56	2,315,848	9.6	14.3	21.5	1.0	2.9	44.4	3.8	2.5
1956-57	2,632,537	7.4	9.4	12.7	.8	2.9	60.7	4.3	1.8
North Dakota									
1944-45	180,881	17.0	33.0	36.1	1.8	1.1	4.3	--	6.7
1955-56	166,926	9.5	31.8	25.6	.5	.2	27.2	3.3	1.9
1956-57	167,204	6.6	29.5	25.3	.6	.3	28.2	4.2	5.3
South Dakota									
1944-45	201,448	18.4	30.6	32.0	2.0	2.3	12.0	--	2.8
1955-56	290,692	3.6	33.2	7.8	.1	4.8	26.1	23.3	1.1
1956-57	277,234	3.4	28.6	7.2	.1	3.9	34.8	20.7	1.3
Nebraska									
1945-46	168,651	8.7	44.8	34.9	1.6	3.1	--	--	6.9
1955-56	664,149	4.8	13.2	6.9	.1	2.1	40.9	31.5	.5
1956-57	769,078	8.9	11.4	16.0	.04	1.6	38.4	22.6	1.1
Kansas									
1945-46	717,952	11.2	26.8	16.6	1.6	4.0	31.3	--	8.5
1955-56	632,687	5.5	14.4	7.8	.5	3.9	50.7	13.9	3.3
1956-57	599,814	4.1	15.7	10.0	.3	3.2	50.1	14.0	2.6
West North Central	7,655,848	4.5	20.5	9.8	.4	2.0	41.3	19.9	1.6
Delaware									
1945-46	476,010	1.2	.2	.2	3.1	.8	94.3	--	.1
1955-56	424,177	1.9	.4	14.9	--	.3	75.3	--	7.2
1956-57	494,642	1.5	.2	7.9	--	.2	80.2	--	10.0
Maryland									
1949-50	617,353	16.1	20.3	3.3	3.6	2.0	52.2	--	2.5
1955-56	486,402	8.9	5.9	21.6	.3	.5	62.1	--	.7
1956-57	532,322	3.8	4.3	5.2	.03	.04	84.9	--	1.8
Virginia									
1945-46	798,645	56.8	10.0	.5	10.9	.7	21.1	--	.1
1955-56	1,141,917	6.4	2.7	20.8	.1	1.3	66.2	1.0	1.5
1956-57	1,328,748	3.6	2.1	7.3	.1	.8	82.8	1.8	1.5

		Percentage distribution by varieties							
Division	Total	New	White	White	Barred	Rhode Is-	Cross-	Incross-	
State and Year	Birds	Hampshire	Leghorn	Rock	Rock	land Red	mated	mated	Other
West Virginia									
1944-45	140,857	45.7	18.0	6.7	6.2	4.4	13.5	--	5.5
1955-56	231,986	11.4	8.2	21.2	.5	1.6	55.4	--	1.7
1956-57	227,028	4.4	5.8	14.6	.4	1.3	71.1	.6	1.8
North Carolina									
1944-45	509,770	42.3	10.3	2.2	26.7	5.3	11.9	--	.4
1955-56	2,330,715	4.0	1.6	53.2	.5	4.5	31.4	4.8	--
1956-57	2,876,168	1.2	1.2	32.2	.2	3.5	61.5	--	.2
South Carolina									
1944-45	51,955	36.3	1.7	10.3	21.5	24.6	3.3	--	2.3
1955-56	223,842	4.4	4.9	29.1	.6	9.2	51.6	--	.2
1956-57	301,267	1.7	3.9	21.0	.8	5.0	67.6	--	--
Georgia									
1945-46	380,928	37.6	2.8	1.4	7.0	7.9	43.2	--	.1
1955-56	2,179,186	2.6	4.2	30.7	--	.9	55.7	3.4	2.5
1956-57	3,134,493	--	2.7	14.6	--	.6	71.6	9.2	1.3
Florida									
1945-46	166,831	74.4	15.9	1.0	1.2	4.7	2.3	--	.4
1955-56	235,991	13.9	41.6	18.9	.5	2.7	13.7	8.4	.3
1956-57	310,293	7.4	29.5	25.0	.2	3.2	26.3	8.1	.3
South Atlantic	9,204,961	1.6	3.1	18.7	.1	1.7	69.7	3.7	1.4
Kentucky									
1945-46	443,964	23.3	7.3	31.8	20.2	10.3	1.4	--	5.7
1955-56	578,095	16.2	4.8	51.7	3.8	.6	20.5	1.6	.8
1956-57	597,790	12.0	2.7	37.3	2.6	.5	43.5	.8	.6
Tennessee									
1943-44	263,608	18.9	14.4	14.3	27.7	9.5	1.0	--	14.3
1955-56	358,044	6.5	11.6	32.1	2.1	3.7	37.3	5.2	1.5
1956-57	430,817	5.1	8.2	19.4	1.9	3.9	54.6	5.8	1.1
Alabama									
1945-46	186,409	62.1	17.3	2.5	9.4	4.0	2.0	--	2.7
1955-56	674,452	4.2	7.5	44.1	.04	1.4	41.8	.8	.1
1956-57	1,051,757	.9	3.0	44.6	.1	.8	49.9	.7	.04
Mississippi									
1945-46	67,871	5.9	13.4	24.5	18.2	15.4	8.9	--	13.7
1955-56	466,204	11.9	5.1	44.3	.2	1.0	37.4	--	.1
1956-57	637,583	1.1	4.5	29.7	.05	.6	64.1	--	.02
Arkansas									
1945-46	177,026	21.9	8.9	19.7	19.7	2.3	5.2	--	22.2
1955-56	564,549	2.3	2.3	14.8	.2	.03	73.9	--	6.5
1956-57	1,019,337	4.5	.9	10.5	.04	--	80.1	.7	3.3
Louisiana									
1943-44	124,499	10.4	13.5	17.0	18.8	19.9	1.2	--	19.2
1955-56	239,904	16.9	4.2	31.2	.8	.5	45.4	.8	.2
1956-57	513,559	1.1	1.7	6.8	.3	.5	87.7	1.6	.3
Oklahoma									
1945-46	487,618	1.3	22.6	22.5	4.8	8.4	23.5	--	17.0
1955-56	279,121	15.5	21.8	17.7	.4	.4	37.7	1.2	5.3
1956-57	270,328	10.1	17.3	19.7	.2	.3	45.2	2.4	4.8
Texas									
1945-46	313,181	4.7	55.3	3.6	5.6	6.8	12.8	--	11.1
1955-56	417,055	2.1	23.5	25.2	.1	--	10.2	38.8	.1
1956-57	498,011	1.4	11.1	22.2	.1	--	31.3	33.8	.1
South Central	5,019,182	3.9	4.6	25.4	.5	.7	59.3	4.5	1.1
Montana									
1945-46	26,533	23.4	25.6	12.0	1.8	.9	23.4	--	12.9
1955-56	38,088	32.1	31.5	13.9	1.2	--	21.3	--	--
1956-57	65,114	19.6	46.9	7.3	--	.2	19.0	6.2	.8
Idaho									
1945-46	100,519	41.3	35.2	8.2	2.4	1.3	9.3	--	2.3
1955-56	91,496	26.9	43.7	4.7	1.0	2.1	18.5	2.4	.7
1956-57	86,108	17.0	35.8	7.8	.4	.6	33.7	4.1	.6

Division State and Year	Total Birds	Percentage distribution by varieties							
		New Hampshire	White Leghorn	White Rock	Barred Rock	Rhode Is- land Red	Cross- mated	Incross- mated	Other
Wyoming									
1945-46	7,194	--	59.2	32.0	--	2.5	4.8	--	1.4
1955-56	3,186	26.8	23.5	25.8	--	--	23.9	--	--
1956-57	2,768	32.5	12.6	36.1	--	--	18.8	--	--
Colorado									
1944-45	160,720	6.7	36.9	22.1	3.2	7.4	11.4	--	12.3
1955-56	72,631	12.1	23.0	25.7	.3	.7	18.5	18.1	1.6
1956-57	83,596	10.7	25.9	22.0	.2	.4	24.2	15.9	.7
New Mexico									
1944-45	4,151	--	100.0	--	--	--	--	--	--
1955-56	5,037	18.7	23.9	6.4	--	--	49.7	--	1.3
1956-57	2,964	14.0	28.1	10.1	--	--	47.8	--	--
Arizona									
1945-46	13,471	17.9	40.2	2.2	3.4	31.2	3.9	--	1.3
1955-56	9,252	9.2	49.3	--	--	6.7	8.1	26.7	--
1956-57	24,271	1.0	41.1	--	--	4.6	36.1	17.2	--
Utah									
1945-46	89,272	28.1	66.8	.8	.04	.5	2.8	--	1.0
1955-56	89,627	11.1	48.6	.5	--	--	13.4	24.5	1.9
1956-57	84,875	4.6	33.7	8.0	--	.1	25.5	27.7	.4
Washington									
1945-46	185,090	50.3	38.6	--	--	9.6	--	--	1.5
1955-56	441,115	9.6	42.7	14.9	.1	5.3	26.5	.1	.8
1956-57	502,790	3.8	53.8	9.5	.1	3.0	28.0	1.3	.5
Oregon									
1944-45	304,137	51.8	28.0	1.2	3.8	7.7	5.5	--	2.0
1955-56	533,622	11.1	17.6	8.2	.3	5.8	55.3	--	1.7
1956-57	523,545	5.4	16.5	8.4	.2	3.9	63.5	--	2.1
California									
1948-49	1,250,945	39.0	55.4	--	1.5	1.1	--	--	3.0
1955-56	655,254	11.7	31.4	9.2	.01	.6	30.9	14.2	2.0
1956-57	659,711	5.5	20.4	9.3	.02	.3	53.9	8.3	2.3
Western	2,035,742	6.1	30.2	9.4	.1	1.9	45.4	5.4	1.5

Summary of Breed Distribution in NPIP Hatchery Supply Flocks, 1941-42 to 1956-57.

Year	States	Total Birds	Percentage of							
			New Hampshire	White Leghorn	White Rock	Barred Rock	Rhode Is- land Red	Cross- mated	Incross- mated	Other
1941-42	33	10,712,027	21.2	24.1	15.6	16.2	12.5	2.0	--	8.4
1942-43	40	15,780,980	19.2	26.6	18.3	15.7	8.9	3.0	--	8.3
1943-44	42	20,331,999	19.4	25.9	19.7	13.9	8.3	5.5	--	7.3
1944-45	39	17,573,321	20.6	25.8	17.5	12.4	8.0	9.8	--	5.9
1945-46	32	20,256,904	23.8	23.1	17.0	11.4	7.7	11.3	--	5.7
1946-47	38	24,490,346	23.4	25.4	17.4	10.0	6.5	11.1	--	6.2
1947-48	42	25,148,247	25.9	24.7	15.2	10.2	6.8	12.4	--	4.8
1948-49	44	26,458,372	31.9	25.7	13.2	7.8	5.6	11.9	--	3.9
1949-50	47	36,195,375	28.8	21.9	10.4	6.3	4.3	15.1	--	3.2
1950-51	47	33,804,603	38.9	21.6	10.1	5.8	4.1	16.4	--	3.1
1951-52	47	37,559,597	41.4	18.9	11.9	4.0	3.3	14.3	3.4	2.8
1952-53	47	33,847,682	36.2	20.1	14.8	3.5	3.2	16.0	4.0	2.2
1953-54	47	36,027,365	25.4	18.9	23.1	2.2	2.7	19.7	5.1	2.9
1954-55	47	37,066,336	16.0	19.2	29.5	1.3	2.7	21.2	7.0	3.1
1955-56	47	34,881,690	6.7	18.9	25.2	1.2	2.3	34.0	9.1	2.6
1956-57	47	39,013,812	4.1	14.8	21.0	1.0	1.7	47.1	8.0	2.3

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Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service.